

Abstract

[20] An electric folding toothbrush in accordance with the present invention includes a handle and a power supply contained within the handle, an arm movably joined to the handle and having bristles disposed at one end thereof, a motor mechanism contained within the arm and operable to move the bristles when activated, and includes the ability to supply power to the motor mechanism when the toothbrush is in an outstretched position. The ability to supply power to the motor mechanism is accomplished with a first electrical contact in communication with the power supply and positioned in the handle, and a second electrical contact in communication with the motor mechanism and positioned in the arm such that when the arm and the handle are in the outstretched position the first and second electrical contacts make an electrical connection such that power from the power supply operates the motor mechanism.